

# Converting Colors

Hex(4286CE)

Have a look what the booklet for  
Hex(4286CE) contains.

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# Color

**Hex(4286CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4286CE
RGB	66, 134, 206
RGB Percent	26%, 53%, 81%
CMY	0.7412, 0.4745, 0.1922
CMYK	0.68, 0.35, 0.00, 0.19
HSL	211°, 59%, 53%
HSV	211°, 68%, 81%
XYZ	21.9124, 22.6647, 61.6123
YIQ	121.8760, -63.6400, 7.9760

# Conversions

## Conversions Part 2

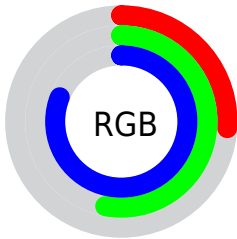
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 112, 206
Decimal	4359886
CIE Lab	54.73, 1.74, -43.48
CIE LCh	55, 43.519, 272.288
Yxy	22.6647, 0.2064, 0.2134
Android (android.graphics.Color)	4282549966 (0xFF4286CE)
YUV	121.8760, 41.4731, -49.0033
Hunter-Lab	47.6074, -1.1542, -43.4064

# Details

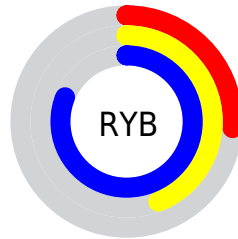
The Hex color **4286CE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CE8A42**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **80BBFF**, and **005597** is the 20% darker color. If you saturate the color by 10%, you get **2D7BCE**, and if you desaturate by 10%, it is **5791CE**.

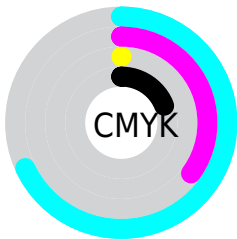
# Distribution



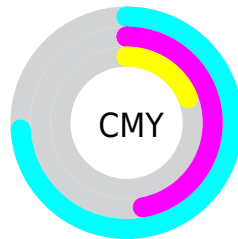
- Red (26%)
- Green (53%)
- Blue (81%)



- Red (26%)
- Yellow (44%)
- Blue (81%)



- Cyan (68%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (74%)
- Magenta (47%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4286CE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4286CE by changing the saturation by 10% instead.



■ 4286CE

■ 4286CE

FFFFFF

■ 186DB2

■ 80BBFF

■ 005597

■ 9ED6FF

■ 003E7D

■ BBF3FF

■ 002964

■ D9FFFF

■ 00154B

■ F7FFFF

■ 000434

■ 00021E

■ 000000

■ 4286CE

■ 4286CE

■ 2D7BCE

■ 5791CE

■ 1971CE

■ 6B9BCE

■ 0466CE

■ 80A6CE

■ 0064CE

■ 94B0CE

■ A9BBCE

■ BEC6CE

■ D2D0CE

■ E7DBCE

■ FBE5CE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0090C5



4286CE



8978C3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4286CE



C7675D



3C935E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4286CE



CE8A42

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6F8C40



4286CE



B47440

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4286CE



C86382



968235



009685

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4286CE



A86EB1



968235



509153

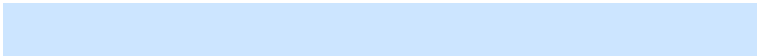


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4286CE



CCE5FF



42CE88



617080



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4286CE



2E93FF



4242CE



5C6166



0051A6



001326



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE4286



FF2E93



CECE42



665C61



A60051

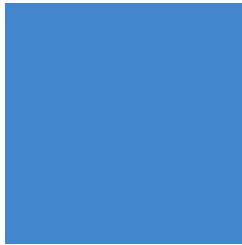


260013



# Previews

## White Background



This preview shows how the Hex color 4286CE looks on a white background.

## Color Contrast Check

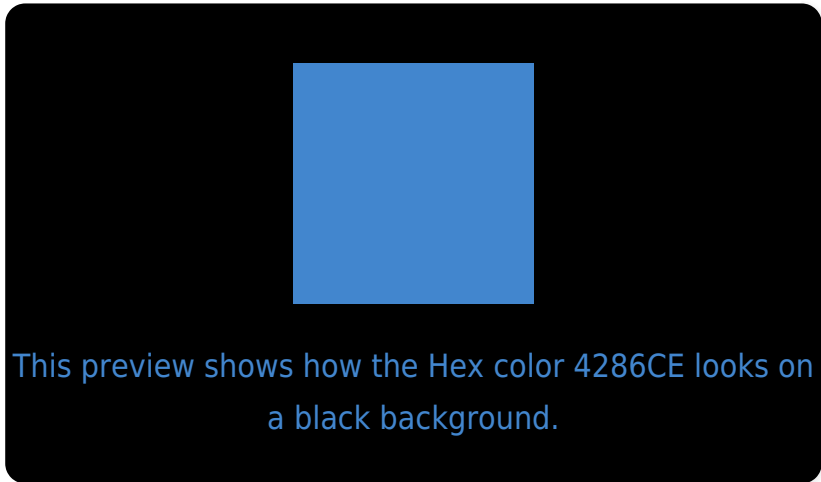
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

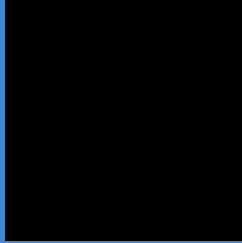
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

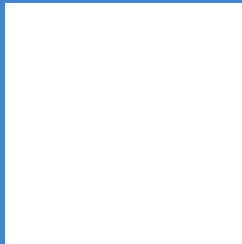
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4286CE Background



This preview shows how black text looks on a background with the Hex color 4286CE.

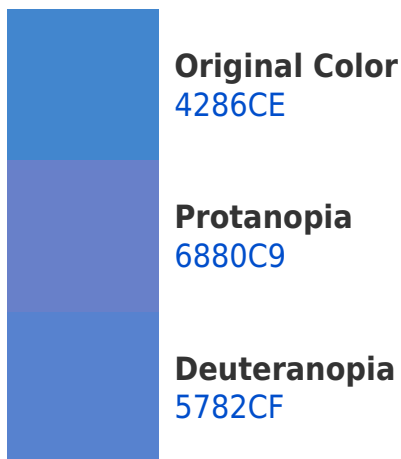


This preview shows how white text looks on a background with the Hex color 4286CE.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

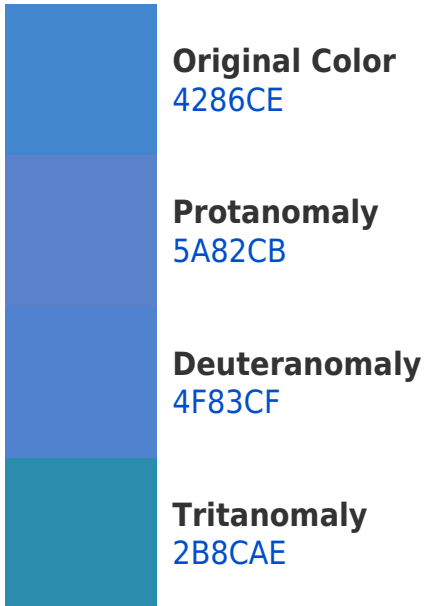
## Dichromacy



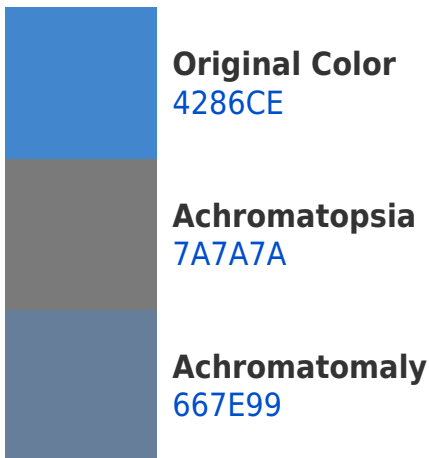


**Tritanopia**  
1E909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4286CE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4286CE looks like.

```
.text, #text, p{  
    color:#4286CE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4286CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4286CE
}
```

## Border

The CSS property to change the border of an element to Hex 4286CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4286CE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4286CE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4286CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4286CE; -webkit-box-shadow:4px 4px  
4px 4px #4286CE; box-shadow:4px 4px 4px  
4px #4286CE }
```

# Background

The CSS property to change the background color of an element to Hex 4286CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4286CE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4286CE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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